

## HIGH-SPEED, LOW-POWER CROSSBAR SWITCH

## ABSTRACT OF THE DISCLOSURE

In a crosspoint switch, both input buses and output buses are driven at low swing. Self-timed, differential, push-pull, low swing driver circuits drive the input buses and are provided in the crosspoints to drive the output buses. Clocked, regenerative sense amplifiers are provided in crosspoints and at outputs of the data buses.

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